

CIVIL ENGINEER

DISTINGUISHING FEATURES

The fundamental reason the Civil Engineer exists is to perform professional level civil engineering work, in the Planning and Development Services Department, primarily in the technical review of project plans and proposals that assists in the orderly development of the City. This classification is not supervisory. Work is performed under general direction by a department manager. Civil Engineer is distinguished from Sr. Civil Engineer in that an incumbent of the latter classification is expected to perform the most complex technical reviews and may serve as lead over other professional level staff.

ESSENTIAL FUNCTIONS

Reviews development requests for compliance with engineering principles and City regulations and policies governing required drainage, traffic, grading, and water and sewer improvement districts, acquisitions of right-of-way, property and easements. Provides alternate design criteria and solutions to nonconforming plans.

Provides technical engineering advice to other City divisions.

Independently performs studies of a highly technical nature and writes clear and concise reports.

Conducts engineering research. Prepares detailed engineering analyses and clear and concise reports for non-technical audiences. Drafts changes to engineering ordinances. Determines compliance of construction plans with City codes.

MINIMUM QUALIFICATIONS

Knowledge, Skills, and Abilities

Knowledge of:

principles and practices of Civil Engineering;
public works design standards, materials, and construction;
land development practices, review procedures, and development-related issues and concerns;

Ability to:

Listen and communicate effectively with a diverse group of people;
establish and maintain effective working relationships;
apply civil engineering principles to work assignments;
operate a variety of standard office equipment, including a personal computer, that require continuous and repetitive eye and arm or hand movement;
maintain regular and consistent attendance and punctuality.

Education & Experience

Any combination of education and experience equivalent to a Bachelor's degree in Civil Engineering or a closely related field; and some related experience. Registration as a Professional Engineer in the State of Arizona.

FLSA Status: Exempt

HR Ordinance Status: Unclassified